Remarks

Introduction

Claims 1-2, 4-7, 9-13, 15-16, 18-22, and 24-26 are currently pending in the application. Claims 3, 8, 17, and 27-30 have been canceled.   No claims have been added. Claims 1, 12, 19, and 26 have been amended. Applicant respectfully submits that no new matter has been added. Applicant respectfully requests reconsideration of the application in view of the foregoing amendments and the following remarks.

Rejection under 35 U.S.C. § 103

Claims 1-13, 15-22, and 24-30 have been rejected under 35 U.S.C. § 103(a) as being obvious over U.S. Patent Application Publication No. 2005/0086295 ("Cunningham") in view of U.S. Patent No. 6,804,783 to Wesinger, Jr. et al. ("Wesinger").

Cunningham discloses a method of transmitting asynchronous hypertext messages from a server to a client interconnected by an internet. The method includes transmitting an HTTP request identifying the client to the server and initiating a virtual connection from the client to the server. The server then transmits a HTTP header signifying a large HTML document, thereby "fooling" a client web browser into keeping the HTTP port open. Asynchronous hypertext messages encoded into HTML documents may then be transferred from the server to the client. The transferred data may then be viewed in a web browser.

Wesinger teaches providing a firewall that that employs "envoys" as a network security measure. As disclosed, traffic only passes through the firewall if an envoy has been created for that traffic.

Applicant respectfully submits that, prior to this amendment, Cunningham and Wesinger already failed to teach, suggest, or render obvious any of the pending claims.   Applicant respectfully refers the Examiner to the previous amendment response filed in this application for at least a few of the deficiencies of Cunningham. Wesinger fails to cure any of these deficiencies.   Nonetheless, in an effort to bring closure to the already lengthy prosecution history of this application, Applicant has amended independent claims 1, 12, 19, and 26.

Claim 1 is directed to a method for providing security to a client computing system in communication with a host communication system across a network. Claim 12 is directed to a

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system for providing security to a client computing system operating a browser in communication with an interactive software application maintained by a host computing system. Claim 19 is directed to a method for providing security to a client computing system operating an interactive software application. Claim 26 is directed to a system for providing security to a client computing system in communication with a host communication system across a network.

Claims 1, 12, 19, and 26 have been amended to: (1) recite the feature that the data includes a model representative of an underlying architecture of a software system; and (2) clarify that the "at least one element" is one of an underlying architecture of a software system and another browser executing on a client computing system. Applicant respectfully submits that Cunningham and Wesinger fail to teach, suggest, or render obvious either of these additional features common to amended claims 1, 12, 19, and 26.

With regard to (1), Cunningham teaches transmitting real-time ansynchronous data but fails to disclose a model representative of an underlying architecture of a software system. Wesinger teaches permitting or blocking traffic from passing through a firewall but likewise fails to disclose this feature. Similarly, with regard to (2), neither Cunningham nor Wesinger disclose an interactive software application being in communication with at least one element that is outside the browser and on the client side of the client side firewall, where *the at least one element is one of an underlying architecture of a software system and another browser executing on a client computing system*. Applicant respectfully submits that there is nothing in either Cunningham or Wesinger that can be construed as teaching this feature. Applicant respectfully submits that, for at least these reasons, independent claims 1, 12, 19, and 26 distinguish over the combination of Cunningham and Wesinger. Applicant respectfully requests that the 35 U.S.C. § 103(a) rejection of independent claims 1, 12, 19, and 26 be withdrawn.

Dependent claims 3, 8, 17, and 27-30 have been canceled, rendering the rejection thereof moot. Dependent claims 2, 4-7, and 9-11 depend from and further restrict independent claim 1 in a patentable sense. Applicant respectfully submits that, for at least the reasons set forth above with respect to the rejection of independent claim 1, claims 2, 4-7, and 9-11 also distinguish over the combination of Cunningham and Wesinger and are in condition for allowance. Applicant respectfully requests that the 35 U.S.C. § 103(a) rejection of claims 2, 4-7, and 9-11 be withdrawn.

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Dependent claims 13, 15-16, and 18 depend from and further restrict independent claim 12 in a patentable sense. Applicant respectfully submits that, for at least the reasons set forth above with respect to the rejection of independent claim 12, claims 13, 15-16, and 18 also distinguish over the combination of Cunningham and Wesinger and are in condition for allowance. Applicant respectfully requests that the 35 U.S.C. § 103(a) rejection of claims 13, 15-16, and 18 be withdrawn.

Dependent claims 20-22 and 24-25 depend from and further restrict independent claim 19 in a patentable sense. Applicant respectfully submits that, for at least the reasons set forth above with respect to the rejection of independent claim 19, claims 20-22 and 24-25 also distinguish over the combination of Cunningham and Wesinger and are in condition for allowance. Applicant respectfully requests that the 35 U.S.C. § 103(a) rejection of claims 20-22 and 24-25 be withdrawn.

Conclusion

Applicant respectfully submits that the pending application is in condition for allowance. A Notice to that effect is respectfully requested.

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Respectfully submitted,
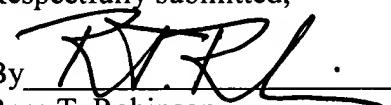
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